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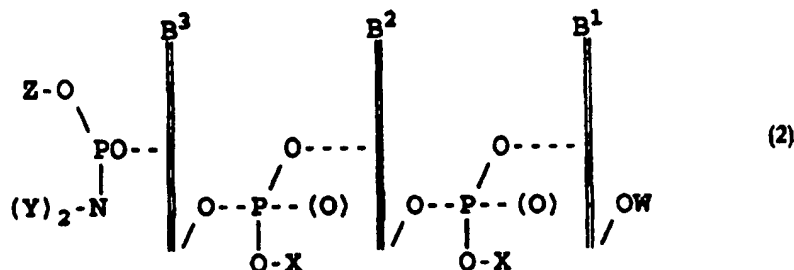
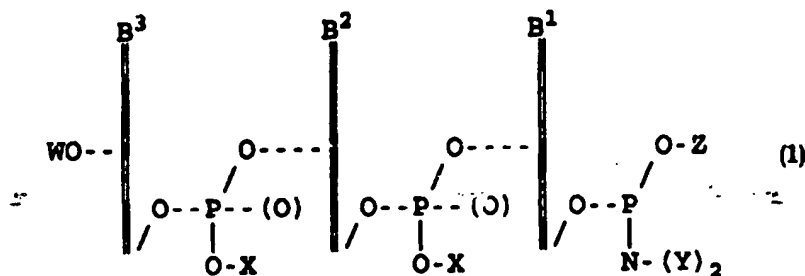
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With international search report.

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1 August 1996 (01.08.96)(54) Title: CODON AMIDITES AND METHOD OF USING THEM TO PRODUCE OLIGONUCLEOTIDES AND MUTAGENESIS
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(57) Abstract

Compounds of formula
(1) or (2) wherein W, X, Y
and Z are each independently
hydrogen or a protecting
group; B¹, B² and B³ are each
independently a base selected
from the group consisting
of adenine, guanine, cytosine,
thymine and uracil; and ||
is the residue of a ribose or
deoxyribose, and methods
for their synthesis and use are
disclosed.



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IN RNATIONAL SEARCH REPORT

International Application No
PCT/US 95/15319

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 C07H21/00 C12N15/09 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 C07H C12N C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO,A,93 21203 (THE JOHNS HOPKINS UNIVERSITY) 28 October 1993 see page 6	1-3,6-11
P,X	--- NUCLEIC ACIDS RESEARCH, vol. 22, no. 25, 25 December 1994, OXFORD GB, pages 5600-5607, XP002002308 VIRENKAS B. ET AL: "Trinucleotide phosphoramidites: ideal reagents for the synthesis of mixed oligonucleotides for random mutagenesis" see the whole document --- -/-	1-3,6-11

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

Inventor's Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	JOURNAL OF ORGANIC CHEMISTRY, vol. 49, 1984, EASTON US, pages 4905-4912, XP002002311 KUMAR G ET AL: "Improvements in oligodeoxyribonucleotide synthesis: methyl N,N-dialkylphosphoramidite dimer units for solid support phosphite methodology" cited in the application see page 4907 ---	4,5
A	WO,A,92 03461 (IXSYS INC) 5 March 1992 see the whole document -----	9-11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 95/15319

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